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APPLICANTS:

JING MIN, ET AL.

SERIAL NO.:

09/647,978

FILED:

OCTOBER 6, 2000

FOR:

GENE ENCODING SYNTAXIN INTERACTING PROTEIN

SEQUENCE LISTING CERTIFICATION

I hereby certify that the paper copy of the Sequence Listing is identical to the computer readable copy of the Sequence Listing and that the Sequence Listing does not include matter which goes beyond the disclosure in the International Application as filed.

6-17-02

Cynthia M. Bott

Registration No. 46,568

WARNER-LAMBERT COMPANY

2800 Plymouth Road Ann Arbor, MI 48105 Tel. (734) 622-4476

Fax (734) 622-1553



SEQUENCE LISTING

<110> Waken Makert Company

<120> Gene Encoding Syntaxin Interacting Protein

<130> 09/647,978

<140> 09/647,978

<141> 2000-10-06

<150> PCT/US99/08568

<151> 1999-04-19

<150> 60/082,454

<151> 1998-04-20

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 1674

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<400> 2

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Leu Lys Ile Leu Gly Gly Ile Asn Arg Asn Glu Gly Pro Leu Val Tyr 35 40 45

Ile His Glu Val Ile Pro Gly Gly Asp Cys Tyr Lys Asp Gly Arg Leu 50 55 60

Lys Pro Gly Asp Gln Leu Val Ser Ile Asn Lys Glu Ser Met Ile Gly 65 70 75 80

Val Ser Phe Glu Glu Ala Lys Ser Ile Ile Thr Arg Ala Lys Leu Arg 85 90 95

Ser Glu Ser Pro Trp Glu Ile Ala Phe Ile Arg Gln Lys Ser Tyr Cys 100 105 110

Gly His Pro Gly Asn Ile Cys Cys Pro Ser Pro Gln Val Ser Glu Asp 115 120 125

Cys Gly Pro Gln Thr Ser Thr Phe Thr Leu Leu Ser Ser Pro Ser Glu 130 135 140

Thr Leu Leu Pro Lys Thr Ser Ser Thr Pro Gln Thr Gln Asp Ser Thr 145 150 155 160

Phe Pro Ser Cys Lys Ala Ile Gln Thr Lys Pro Glu His Asp Lys Thr 165 170 175 Glu His Ser Pro Ile Thr Ser Leu Asp Asn Ser Pro Ala Asp Thr Ser 180 185 190

Asn Ala Asp Ile Ala Pro Ala Trp Thr Asp Asp Asp Ser Gly Pro Gln
195 200 205

Gly Lys Ile Ser Leu Asn Pro Ser Val Arg Leu Lys Ala Glu Lys Leu 210 215 220

Glu Met Ala Leu Asn Tyr Leu Gly Ile Gln Pro Thr Lys Glu Gln Arg 225 230 235 240

Glu Ala Leu Arg Glu Gln Val Gln Ala Asp Ser Lys Gly Thr Val Ser 245 250 255

Phe Gly Asp Phe Val Gln Val Ala Arg Ser Leu Phe Cys Leu Gln Leu 260 265 270

Asp Glu Val Asn Val Gly Val His Glu Ile Pro Ser Ile Leu Asp Ser 275 280 285

Gln Leu Leu Pro Cys Asp Ser Leu Glu Ala Asp Glu Val Gly Lys Leu 290 295 300

Arg Gln Glu Arg Asn Ala Ala Leu Glu Glu Arg Asn Val Leu Lys Glu 305 310 315 320

Lys Leu Leu Glu Ser Glu Lys His Arg Lys Gln Leu Ile Glu Glu Leu 325 330 335

Gln Asn Val Lys Gln Glu Ala Lys Ala Val Ala Glu Glu Thr Arg Ala 340 345 350

Leu Arg Ser Arg Ile His Leu Ala Glu Ala Ala Gln Arg Gln Ala His 355 360 365

Gly Met Glu Met Asp Tyr Glu Glu Val Ile Arg Leu Leu Glu Ala Glu 370 380

Val Ser Glu Leu Lys Ala Gln Leu Ala Asp Tyr Ser Asp Gln Asn Lys 385 390 395 400

Glu Ser Val Gln Asp Leu Arg Lys Arg Val Thr Val Leu Asp Cys Gln 405 410 415

Leu Arg Lys Ser Glu Met Ala Arg Lys Ala Phe Lys Ala Ser Thr Glu 420 425 430

Arg Leu Leu Gly Phe Ile Glu Ala Ile Gln Glu Val Leu Leu Asp Ser 435 440 445

Ser Ala Pro Leu Ser Thr Leu Ser Glu Arg Arg Ala Val Leu Ala Ser 450 455 460

Gln Thr Ser Leu Pro Leu Leu Ala Arg Asn Gly Arg Ser Phe Pro Ala 465 470 475 480

Thr Leu Leu Glu Ser Lys Glu Leu Val Arg Ser Val Arg Ala Ile 485 490 495

Leu Asp Met Asp Cys Leu Pro Tyr Gly Trp Glu Glu Ala Tyr Thr Ala 500 505 510

Asp Gly Ile Lys Tyr Phe Ile Asn His Val Thr Gln Thr Thr Ser Trp 515 520 525

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Good Good

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Ile Gln Glu Ile Ile Pro Gly Gly Asp Cys Tyr Lys Asp Gly Arg Leu 50 55 60

Lys Pro Gly Asp Gln Leu Val Ser Val Asn Lys Glu Ser Met Ile Gly 65 70 75 80

Val Ser Phe Glu Glu Ala Lys Ser Ile Ile Thr Arg Ala Lys Leu Arg 85 90 95

Leu Glu Ser Ala Trp Glu Ile Ala Phe Ile Arg Gln Lys Ser Asp Asn 100 105 110

Ile Gln Pro Glu Asn Leu Ser Cys Thr Ser Leu Ile Glu Ala Ser Gly
115 120 125

Glu Tyr Gly Pro Gln Ala Ser Thr Leu Ser Leu Phe Ser Ser Pro Pro 130 135 140

Ile Leu Ser Ser Cys Glu Ile Lys Thr Gly Tyr Asn Lys Thr Val Gln 165 170 175

Ile Pro Ile Thr Ser Glu Asn Ser Thr Val Gly Leu Ser Asn Thr Asp

180 185 190

Val Ala Ser Ala Trp Thr Glu Asn Tyr Gly Leu Gln Glu Lys Ile Ser 195 200 205

Leu Asn Pro Ser Val Arg Phe Lys Ala Glu Lys Leu Glu Met Ala Leu 210 215 220

Asn Tyr Leu Gly Ile Gln Pro Thr Lys Glu Gln His Gln Ala Leu Arg 225 230 235 240

Gln Gln Val Gln Ala Asp Ser Lys Gly Thr Val Ser Phe Gly Asp Phe 245 250 255

Val Gln Val Ala Arg Asn Leu Phe Cys Leu Gln Leu Asp Glu Val Asn 260 265 270

Val Gly Ala His Glu Ile Ser Asn Ile Leu Asp Ser Gln Leu Leu Pro 275 280 285

Cys Asp Ser Ser Glu Ala Asp Glu Met Glu Arg Leu Lys Cys Glu Arg 290 295 300

Asp Asp Ala Leu Lys Glu Val Asn Thr Leu Lys Glu Lys Leu Leu Glu 305 310 315 320

Ser Asp Lys Gln Arg Lys Gln Leu Thr Glu Glu Leu Gln Asn Val Lys 325 330 335

Gln Glu Ala Lys Ala Val Val Glu Glu Thr Arg Ala Leu Arg Ser Arg 340 345 350

Ile His Leu Ala Glu Ala Ala Gln Arg Gln Ala His Gly Met Glu Met 355 360 365

Asp Tyr Glu Glu Val Ile Arg Leu Leu Glu Ala Lys Ile Thr Glu Leu 370 375 380

Lys Ala Gln Leu Ala Asp Tyr Ser Asp Gln Asn Lys Glu Ser Val Gln 385 390 395 400

Asp Leu Lys Lys Arg Ile Met Val Leu Asp Cys Gln Leu Arg Lys Ser 405 410 415

Glu Met Ala Arg Lys Thr Phe Glu Ala Ser Thr Glu Lys Leu Leu His
420 425 430

Phe Val Glu Ala Ile Gln Glu Val Phe Ser Asp Asn Ser Thr Pro Leu

435 440 445

Ser Asn Leu Ser Glu Arg Arg Ala Val Leu Ala Ser Gln Thr Ser Leu 450 455 460

Thr Pro Leu Gly Arg Asn Gly Arg Ser Ile Pro Ala Thr Leu Ala Leu 465 470 475 480

Glu Ser Lys Glu Leu Val Lys Ser Val Arg Ala Leu Leu Asp Met Asp 485 490 495

Cys Leu Pro Tyr Gly Trp Glu Glu Ala Tyr Thr Ala Asp Gly Ile Lys 500 505 510

Tyr Phe Ile Asn His Val Thr Gln Thr Thr Ser Trp Ile His Pro Val 515 520 525

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<212> DNA

<213> Mouse

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